Stannah

Midilift DL Certificate of Test & Examination After Installation

Notes:

1. *Complete boxes where data required. With 'Yes' / 'No' questions, the shaded box indicates the satisfactory / expected condition.*
2. *Sections 2, 3 4 & applicable part of Section 7 as directed to be completed by Test Engineer; all other parts to be completed by lift Installer.*

Lift no.

1. Description of Installation

Site Address:.....
.....
.....

Site Telephone No. .....

Manufacturer: Daldoss

Length of Travel ____ m

Number of Levels served ____

Rated Load ____ kg

Rated Speed ____ m/s

Type of drive system Electro/hydraulic

Location of hydraulic drive unit

Direct acting ____

Indirect ____

Stages ____

Electrical supply

specified ____ A | 240 V | 1 phase | 50 Hz

Fuse rating fitted ____ A

Type: Switch fuse □; Switch spur □; Fused spur □; MCD □; Isolator □

Is the electrical supply: a. permanent? Yes ____ No ____ b. accessible? Yes ____ No ____

Actual voltage at time of test ____ V

Is there an RCD fitted? Yes ____ No ____

Electrical Key Wiring Diagram Number ____

Telephone details

Is the lift car fitted with a BT telephone? Yes ____ No ____

If 'Yes', record number ____

Is the lift car fitted with an autodialler? Yes ____ No ____

If 'Yes', record numbers: Line in ____

Numbers out ____ | ____ | ____ | ____ | ____

2. Hydraulic drive unit tests

(a) With rated load in the car and at highest floor level, record the static hydraulic fluid pressure _____ bar

(b) Provide the following details of the pump unit:

Manufacturer _____

Serial or reference number _____

Type _____

(c) Measure and record the following normal running operational data when the car has picked up the Gantry:

Car loading condition	Hydraulic Pressure (see Note) **bar**	Lift speed **m/s**	Volts	Amps	Floor Level
Empty, down					
Empty, up					
Rated, down					
Rated, up					

Note: Take pressure readings between check valve or down direction valve and the supply line to the ram.

(d) The pressure at which the relief valve operated _____ bar

(e) Is the integrity of the pipework acceptable? Yes ☐ No ☐

(f) Is the relief valve secured against unauthorised interference? Yes ☐ No ☐

(g) Is there sufficient oil in the system when the lift is at the top floor? Yes ☐ No ☐

(h) Does operation of the manual lowering valve lower the car at a slow speed not exceeding 0.15 m/s? Yes ☐ No ☐

(i) When held stationary over a period of 10 min under full load conditions in any position of travel, does the car creep more than 0.5 % of the maximum lift travel? Yes [ ] No [ ]

(j) Does the anti-creep device automatically prevent the car moving away from a landing level by more than 20mm? Yes [ ] No [ ]

(k) Does the anti-creep device operate with the landing door in both the open and closed positions? Yes [ ] No [ ]

(l) Does the operation of the platform stop switch, and the ultimate limit switch prevent the anti-creep device operating correctly? Yes [ ] No [ ]

(m) What is the longest journey time (up or down direction) [ ] s

3. Electrical checks

(a) Control circuit full load voltage [ ] V

(b) Measure & record the following insulation resistances to earth; tick 'Yes' to confirm all measurements are above 5MΩ Yes [ ] No [ ]

Motor [ ] MΩ Mains [ ] MΩ Safety [ ] MΩ

(c) Is all the metal work bonded to earth? Yes [ ] No [ ]

(d) Is the maximum continuity to earth less then 0.5Ω? Yes [ ] No [ ]
Measured value [ ] Ω

(e) Is the Earth loop impedance less than 0.5Ω? Yes [ ] No [ ]
Measured value [ ] Ω

(f) Is the car connected to earth by a separate conductor? Yes [ ] No [ ]

(g) Is the 'hold' time delay 3 secs or more ? Yes [ ] No [ ]
Measured value [ ] s

(h) Motor data plate details [ ] HP [ ] V [ ] A

(i) Motor manufacturer [ ]

(j) Does the RCD operate correctly (if fitted)? N/A [ ] Yes [ ] No [ ]

(k) With mains power disconnected, does the car descend under car control? Yes [ ] No [ ]

(l) With mains power disconnected, does the lift alarm function? Yes [ ] No [ ]

(m) Does the emergency light operate correctly? Yes [ ] No [ ]

4. Mechanical checks

(a) Does the safety gear operate correctly at rated speed and rated load? Yes ☐ No ☐

(b) When operated with Rated Load (see Section 1), does the rupture valve stop the lift within a distance of 1000mm? Yes ☐ No ☐
Record test load ____ kg Record stopping distance ____ mm

(c) Are clearances between car & landing thresholds at each landing entrance less than 20mm? Yes ☐ No ☐

(d) Do the landing door locks prevent the door from being opened when the lift is away from that floor zone? Yes ☐ No ☐

(e) Does the ultimate limit operate correctly? Yes ☐ No ☐

If yes, state the dimension above the top floor landing at which it operated ____ mm

(f) With car at lowest floor, is the clean ram measurement 100mm? Yes ☐ No ☐
Record measured value ____ mm

(g) Does the car clear all obstructions when driven at rated speed ? Yes ☐ No ☐

(h) Do the landing door electrical interlocks stop lift from moving when the door is open ? Yes ☐ No ☐

(i) Do the landing door lock electrical contacts stop the lift from moving if the lock fails to operate ? Yes ☐ No ☐

(j) When the top landing lock contact is shorted to earth, does the short circuit protection device operate? Yes ☐ No ☐

(k) With the ram forced to its collared upper limit, measure & record the up over-travel ____ mm

(l) Check for correct function of each of the following switches & interlocks. Tick individual box if satisfactory & then 'Yes' box if ***all*** individual boxes are ticked:

Stopping limits □; Car stop switch □; Pit prop switch □; Landing door contacts □; Landing locks contacts □; Safety gear switch □; Ultimate limit latching □; Car threshold light ray(s) □; Landing & car push buttons □; Landing 'present' indicators □; Alarm buzzer □; Key switches □

All switches & interlocks function correctly Yes ☐ No ☐

(m) Check condition of each of following critical components; tick individual box if satisfactory, & tick 'Yes' if ***all*** boxes individual boxes ticked:
Rope anchors □; Rope grips □; hydraulic hose □; toe guard at each car entrance □ Yes ☐ No ☐

(n) With the car at top floor, is the oil level in the tank correct? Yes ☐ No ☐

(o) Does the access route to the control cabinet comply with ***all*** the following requirements? Tick individual box if satisfactory, & tick 'Yes' if all individual boxes ticked:

min. headroom 2m □; min. light level 50 lux □; safely & easily accessed without use of ladders & without exposing personnel to hazards of any type □ Yes ☐ No ☐

(p) Lighting measurements – confirm that light levels comply with following requirements:

Each landing entrance–200 Lux Yes ☐ No ☐ Lift pit–100 Lux Yes ☐ No ☐

Control cabinet zone–200 Lux Yes ☐ No ☐ Shaft light–100 Lux Yes ☐ No ☐

5. Inspection checks

(a) Are ***all*** labels attached per document 'Labelling arrangement – Midilift DL' issue 27.09.04? If not, then detail exceptions Yes ☐ No ☐

(b) Do the relevant labels carry the correct details of: (Tick individual boxes as appropriate, then 'Yes' if ***all*** boxes ticked) lift type □; serial no. □; year of manufacture □; rated load □ Yes ☐ No ☐

(c) Is the serial no. plate stamped or etched with the correct lift specific details? (If serial number written by pen, then 'No' box should be ticked) Yes ☐ No ☐

(d) Is the CE mark displayed on ***each*** of the following components? (Tick individual boxes as appropriate, then 'Yes' if ***all*** ticked): Yes ☐ No ☐

Load plate □; Door locks □; Rupture valve □; Safety gear □

(e) Is the lift control cabinet installed in a 'plant room' or (similar) which is secured against unauthorised access? Yes ☐ No ☐

(f) (If applicable), does the plant room door comply with ***both*** of the following: open outwards & fitted with a lock which can be unlocked from inside without a key? N/A ☐ Yes ☐ No ☐

(g) If there is no 'plant room', then has the control cabinet been fitted with a key lock (in place of standard triangular key)? N/A ☐ Yes ☐ No ☐

(h) Does the location chosen for the control cabinet comply with all of the following requirements? (tick individual boxes as appropriate, then 'Yes' if ***all*** ticked): min headroom 2m □; clear space in front of 700mm, to full width of cabinet □; non-slip floor □; environment: damp-proof , weather-proof, ventilated & not subject to excess temperatures (>30C or <10C) □ Yes ☐ No ☐

(i) Record main hydraulic hose details as follows:

Serial no. ☐ Tested pressure (bar) ☐ length (m) ☐ date of mfr ☐

(j) Check & record rope details as follows:

Serial nos. ☐ ☐ date of mfr ☐

(k) Are all doors fitted according to the site specific 'Builders work drawing & schedule Midilift – DL' (verify fire rating & handing of door at each landing) Yes ☐ No ☐

(l) Have the wiring diagrams / drawings been left on site? Yes ☐ No ☐

6. User Instructions

a) Confirm that the operating instructions have been handed to the user/owner — Yes ☐ No ☐

b) Has the customer approved the pump location? — Yes ☐ No ☐

Customer initials : _____

c) Lift normal operation and emergency procedures demonstrated and handed over to:

Name | Position

Representing | Tel. no.

d) Is the User/Owner satisfied with the product? — Yes ☐ No ☐

e) Are there any irregularities/special revisions or modifications carried out on site? — Yes ☐ No ☐

If Yes please detail below;

Outstanding items sheet attached? Yes ☐ No ☐

7. Declaration

Part 1 – Mechanical & electrical checks *To be completed by Test Engineer*

I certify that tests & checks described in Sections 2 to 4 of this document have all been carried out & subject to completion of outstanding works described on attached sheet (if applicable), lift function is satisfactorily.

Name *(in capitals)* | Signed | Date

Outstanding items sheet attached? Yes ☐ No ☐ *If 'No' ticked, it is assumed there are no outstanding items*

Part 2 – Lift completion & handover *To be completed by lift Installer*

I certify that on ☐ this lift was thoroughly examined and found to be free from obvious defects and that the foregoing is a correct report of the result.

Name *(in capitals)* | Signed | Date

For Stannah Lifts Ltd.

Company name & address *(complete if sub-contract installation)*

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